Asad Karimov

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EDUCATION

Queens College, City University of New York   **New York, NY**

BA in Computer Science   *Graduated: January 2024*

PROJECTS

Personal Project - Mylinx   **New York, NY**

A seamless platform to consolidate all your online content in one easy-to-use place,   *Aug 2023 – Present*
whether you're creating, curating, or sharing.

- Streamlined custom domain integration via Vercel DNS, leading to a 50% rise in paid subscribers.
- Achieved blazingly fast performance using server-side rendering (SSR)
- Employed PostHog for robust internal analytic data collection, providing users with invaluable insights into their link performance, resulting in a 30% increase in user engagement metrics.

EXPERIENCE

Software Engineer - SheetJS   **New York, NY**

Read, edit, and export spreadsheets Works in web browsers and servers.   *Jan 2024 – Present*

- Added documentation for integrating SheetJS with Backblaze Cloud Storage.
- Analyzed Stata's data processing methods for insights using Ghidra .
- Identified and fixed memory leaks and inefficiencies in the data parsing engine.

Software Engineer Intern - PieShares, Inc.   **New York, NY**

Digital marketplace for local merchants to sell and advertise.   *Dec 2019 – Jan 2021*

- Crafted engaging interfaces with Angular and Material UI, resulting in an increase in user interactions.
- Optimized Node.js backend with MongoDB and Redis, reducing load times by 30% for improved user experience.
- Implemented smart caching and query optimization for 20% quicker load times and better engagement.

SKILLS

Languages: TypeScript, JavaScript, Java, Python, Bash

Databases: PostgreSQL, MongoDB, MySQL

Frameworks: React, Next.js Angular, Node.js, Kafka, Prisma, TailwindCSS, Chakra UI

Cloud Platforms: Supabase, AWS, DigitalOcean, Heroku

ACHIEVEMENTS

- Acknowledged in CVE-2024-22363 for contribution to resolving ReDoS vulnerability in SheetJS CE up to version 0.20.1